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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/689,368
				Filing Date	October 20, 2003
				First Named Inventor	Daniel J. Simpson
				Group Art Unit	1645
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	016026-9297

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		FRENZEL, et al. "Novel purification system for 6xHis-tagged proteins by magnetic affinity separation" <i>Journal of Chromatography B</i> , 793 (2003) 325-329.

Examiner Signature		Date Considered	9/23/05
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-92) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 016026/9297

SERIAL NO.: 10/689,368

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT:

APPLICANT: Schultz *et al.*

(Use several sheets if necessary)

FILING DATE: October 20, 2003

CONFIRMATION NO. 2856

GROUP: 1645



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JDA	AA	3,621,018	Nov 16, 1971	Hindersinn <i>et al.</i>			
	AB	4,080,171	Mar 21, 1978	Sano <i>et al.</i>			
	AC	4,220,726	Sep 02, 1980	Warshawsky			
	AD	4,238,328	Dec 09, 1980	Bowes <i>et al.</i>			
	AE	4,500,494	Feb 19, 1985	Scher			
	AF	5,047,513	Sep 10, 1991	Döbeli <i>et al.</i>			
	AG	5,175,271	Dec 29, 1992	Thomas <i>et al.</i>			
	AH	5,922,545	Jun 13, 1999	Mattheakis <i>et al.</i>			
	AI	5,981,194	Nov 09, 1999	Jefferies <i>et al.</i>			
	AJ	6,194,550	Feb 27, 2001	Gold <i>et al.</i>			
	AK	6,207,446	May 27, 2001	Szostak <i>et al.</i>			
	AL	6,242,581	Jun 05, 2001	Nelson <i>et al.</i>			
	AM	6,296,937	Oct 02, 2001	Pryor <i>et al.</i>			
	AN	6,379,970	Apr 30, 2002	Liebler <i>et al.</i>			
	AO	6,428,807	Aug 6, 2002	MacFarlan <i>et al.</i>			
	AP	2001/0021535	Sep 13, 2001	Nelson <i>et al.</i>			
	AQ	2001/0039014	Nov 08, 2001	Bass <i>et al.</i>			
	AR	2001/0046680	Nov 29, 2001	Yu, Z.			
	AS	2002/0037532	Mar 28, 2002	Regnier <i>et al.</i>			
	CE	6,441,009	Aug 27, 2002	Fernandez-Pol			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	APPLICANT	CLASS	SUB CLASS	TRANSLATION YES NO
JDA	AT	WO 00/11208	Mar 2, 2000	Univ. Washington			
	AU	WO 02/42398 A2	May 30, 2002	Unilever N.V.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JDA	AV	Altin, <i>et al.</i> , <i>Biochim. Biophys. Acta</i> , Aug 6;1513(2):131-48 (2001).
	AW	Barret, <i>et al.</i> , <i>Anal. Chem.</i> , 73: 5232 (2001).
	AX	Brandt, <i>et al.</i> , <i>Bioconjug. Chem.</i> , Mar-Apr;3(2):118-25 (1992).
	AY	Coulet, <i>et al.</i> "Immobilization of enzymes on metal-chelate regenerable carriers" <i>Biotechnology and Bioengineering</i> , 23: 663-668 (1981).

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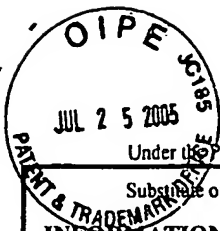
<input checked="" type="checkbox"/>	AZ	Erdogan & Houslay, <i>Biochem. J.</i> , 321: 165-175 (1997).
<input checked="" type="checkbox"/>	BA	Fornasiero, <i>et al.</i> , <i>Invest. Radio.</i> , Apr;22(4): 322-7 (1987).
<input checked="" type="checkbox"/>	BB	Frelinger, <i>et al.</i> , <i>Biotechniques</i> , Nov;31 (5): 1194 (2001)
<input checked="" type="checkbox"/>	BC	Fujihara, <i>et al.</i> , <i>Genes Cells</i> , Mar;7(3): 343-50 (2002).
<input checked="" type="checkbox"/>	BD	Gavin, <i>et al.</i> , <i>Nature</i> , 415(6868): 141-147 (2002).
<input checked="" type="checkbox"/>	BE	Gerber, <i>et al.</i> , <i>Anal. Chem.</i> , 73: 1651 (2001)
<input checked="" type="checkbox"/>	BF	Giriat <i>et al.</i> , <i>Genet. Eng.</i> , (NY), 23: 171-199 (2001).
<input checked="" type="checkbox"/>	BG	Goubran-Botros, <i>et al.</i> , <i>Biochim. Biophys. Acta</i> , May24;1074(1): 69-73 (1991).
<input checked="" type="checkbox"/>	BH	Goubran-Botros, <i>et al.</i> , <i>J. Chromotogr.</i> , Apr24;597(1-2):357-64 (1992).
<input checked="" type="checkbox"/>	BI	Hainfeld, <i>et al.</i> , <i>J. Struct. Biol.</i> , Sep;127(2):185-98 (1999).
<input checked="" type="checkbox"/>	BJ	Haupt, Karsten, <i>et al.</i> , <i>Anal. Biochem.</i> , Feb15;234(2):149-54 (1996).
<input checked="" type="checkbox"/>	BK	He, Mingyue, <i>Nucleic Acids Res.</i> , Aug 1;29(15):E73-3 (2001).
<input checked="" type="checkbox"/>	BL	Hermason, Greg T., Mallia, Krishna; Smith, Paul K., <i>Immobilized Affinity Legand Techniques</i> Academic Press (1992).
<input checked="" type="checkbox"/>	BM	Hochuli, <i>et al.</i> , <i>J. Chromatogr.</i> , 411, 177-184 (1987)
<input checked="" type="checkbox"/>	BN	Ito, <i>et al.</i> , <i>J. Biol. Chem.</i> , 274, 9029-9037 (1999).
<input checked="" type="checkbox"/>	BO	Kapanidis, <i>et al.</i> , <i>J. Am Chem Soc</i> , Dec5;123(48):12123-5 (2001).
<input checked="" type="checkbox"/>	BP	Kurt-Othmer Encyclopedia of Chemical Technology, Vol. 21, 4 th ed., Mary Howe-Grant, ed., John Wiley & Sons, p. 1021 (1997).
<input checked="" type="checkbox"/>	BQ	Laboureau, <i>et al.</i> <i>J. Mol. Recognit.</i> Nov-Dec;10(6):262-8 (1997).
<input checked="" type="checkbox"/>	BR	Lamla, Thorsten, <i>FEBS Lett</i> , Jul27;502(1-2):35-40 (2001).
<input checked="" type="checkbox"/>	BS	Maniatis, <i>et al.</i> Ausubel, <i>Molecular Cloning</i> , Cold Spring Harbor Laboratory (1982).
<input checked="" type="checkbox"/>	BT	Motekaitis, <i>et al.</i> , "New multidentate ligands. XV. Chelating tendencies of diglycine-N,N-diacetic acid, triglycine-N,N-diacetic acid, and tetraglycine-N,N-diacetic acid", <i>Inorganic Chemistry</i> , 13(3) 550-9 (1974).
<input checked="" type="checkbox"/>	BU	Murata, <i>et al.</i> , <i>Anal. Sci.</i> Mar; 17(3):387-90 (2001).
<input checked="" type="checkbox"/>	BV	Nanak, <i>et al.</i> , <i>J. Mol. Recognit.</i> , Jan-Apr;8(1-2):77-84 (1995).
<input checked="" type="checkbox"/>	BW	Porath, <i>et al.</i> , <i>Nature</i> , 258, 598-599 (1975).
<input checked="" type="checkbox"/>	BX	Principles of Gene Manipulation, Old and Primrose, 2 nd ed., (1981).
<input checked="" type="checkbox"/>	BY	Proffitt, <i>et al.</i> , <i>J. Nucl. Med.</i> , Jan;24(1):45-51 (1983).
<input checked="" type="checkbox"/>	BZ	Robert & Smith, <i>Curr. Opin. Chem. Biol.</i> , 6(3): 375-383 (2002)
<input checked="" type="checkbox"/>	CA	Thess, <i>et al.</i> , <i>J. Biol Chem.</i> , electronically published (July 11, 2002).
<input checked="" type="checkbox"/>	CB	Vosters, <i>et al.</i> , <i>Protein Expr. and Purif.</i> , 3, 18-26 (1992)
<input checked="" type="checkbox"/>	CC	Xu, <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 96, 151-156 (1999).
<input checked="" type="checkbox"/>	CD	Zhu, Heng, <i>et al.</i> , <i>Science</i> , Sep14;293(5537):2101-5 (2001).

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Application Number				10/689,368	
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First Name Inventor				Daniel J. Simpson	
Group Art Unit				1645	
Examiner Name				Not Known	
Attorney Docket Number				016026-9297 US001	

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	5,217,866	Summerton et al.	06/08/1993
	5,250,188	Bruening et al.	10/05/1993
	6,106,724	McCulloch et al.	08/22/2000
	2002/0040275	Cravatt et al.	04/04/2002
	2002/0058269	Nock et al.	05/16/2002
	2002/0182651	Patricelli	12/05/2002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract

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U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
JST	6479300 B1	Jiang et al.	11/12/2002
JST	5932102	Wyllie et al.	8/3/1999
JST	20020019496 A1	Pevow	2/14/2002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
JST	PCT	WO 91/12079	Amersham International PLC	8/22/1991		
JST	PCT	WO 02/37100	Lytton, SD and Mossbach, K	5/10/2002	=====	=====

Examiner Signature	<i>[Signature]</i>	Date Considered	9/23/05
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